

# RAILROAD ENGINEERING TECHNOLOGY: SIGNALING AND COMMUNICATIONS, AS

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Program code: RREN-AS-SIG

Location: Gateway

## Degree Requirements

Code	Title	Credits
<b>General Education Courses</b>		
ENG 1010	Composition	3
Elective ARHX - Arts & Humanities Course		3-4
MATH 1002 or equivalent		3-4
PHYS 1009	Fundamentals of Applied Physics (or higher)	4
ECON 1001	Principles of Macroeconomics	3
Elective ORAX - Oral Communication Course or Elective WRIX - Written Communication II Course		3
CCS 1001	College and Career Success	3
<b>Program Courses</b>		
CENT 1016	Computer Applications for Technology	3
CENT 1026 or CENT 2010	Computer Servicing Computer Systems Software	4
RRET 1003	Fundamentals of Electricity	4
CENT 1010	Electric Circuits for Technology	4
RRET 1001	History of Railroading	3
RRET 1020	Railroad Rules, Regulations, Standards and Practices	3
RRET 2020	Safety in the Railroad Workplace	3
RRET 2050	Railroad Signaling and Switching	4
RRET 2052	Railroad Communications	4
RRET 2054	Railroad Maintenance, Troubleshooting, and Repair	4
RRET 2095	Practicum in Passenger Railroad Technology	1
RRET 2195	Practicum in Freight Railroad Technology	1
<b>Total Credits</b>		<b>60-62</b>